

SYSTEM AND METHOD FOR DISTRIBUTED CALL PROCESSING
USING A DISTRIBUTED TRUNK IDLE LIST

ABSTRACT OF THE DISCLOSURE

5 A controller that monitors usage status of trunk lines
associated with a switch that operates to handle call connections
between calling devices and called devices on trunk lines
associated therewith. An exemplary controller comprises N call
application nodes capable of executing trunk idle list server
applications that allocate ones of the trunk lines to the call
connections, wherein a first trunk idle list server application is
10 executed on a first call application node and is associated with a
second trunk idle list server application executed on a separate
second call application node. The first and second trunk idle list
server applications thereby form a first load sharing group server
15 application, that operates to receive a trunk line allocation
request from a call process being executed within the switch and
selects either the first or second trunk idle list server
application to allocate a trunk line to a call connection
associated with the trunk line allocation request according to a
20 load distribution algorithm.